

An abstract graphic design featuring several overlapping geometric shapes. On the left, there are blue shapes with a halftone dot pattern, some pointing upwards and some downwards. On the right, there are yellow and orange shapes, also with halftone patterns, pointing downwards. The background is a solid blue color.

CAMFILON FILTRATION SYSTEMS LLP
INDUSTRIAL AIR POLLUTION CONTROL EQUIPMENTS

OUR PRODUCTS



**DUST COLLECTOR /
FUME EXTRACTOR**



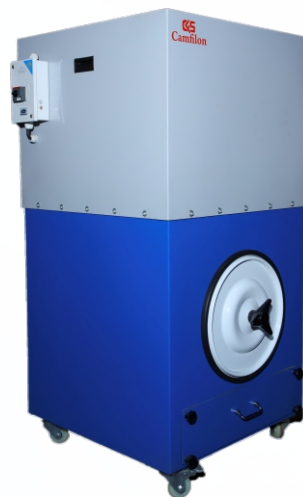
**ELECTRO STATIC
PRECIPITATOR (ESP)**



INDUSTRIAL BLOWER



**WOODEN DUST
COLLECTOR / BLOWER**



**MOVABLE CARTRIDGE
DUST COLLECTOR / FUME
EXTRACTOR**



**FUME EXTRACTOR
WITH HEPA FILTER**



**CARTRIDGE
CLEANING SYSTEM**



**INDUSTRIAL
VACUUM CLEANER**



MIST FILTER

ELECTRO STATIC PRECIPITATOR (ESP) SUPERCLEANER



An electrostatic precipitator (ESP) is a filtration device which removes fine particles, like dust and smoke from a flowing gas using the force of an included electrostatic charge minimally impeding the flow of gases through the unit.

In contrast to wet scrubbers which apply energy directly to the flowing fluid medium, an ESP applies energy only to the particulate matter being collected and therefore is very efficient in its consumption of energy (in the form of electricity).

Model CFS	Normal Air Flow CFS	Std. Motor Power In HP	Dimension (mm)		
			L	H	W
CFS / ESP / 40 & 60	400 & 600	0.5 HP	960/1110	740	445/540
CFS / ESP / 80 & 100	800 & 1000	0.5 HP	1110	740	640/750
CFS / ESP / 120	1200	1.0 HP	1245	740	750
CFS / ESP / 160*	1600	1.0 HP	1440	740	1385
CFS / ESP / 160DP	1600	1.0 HP	21760	740	1660
CFS / ESP / 200*	2000	1.0 HP / 2.0 HP	1210	740	1465
CFS / ESP / 200DP*	2000	1.0 HP / 2.0 HP	1760	740	750

*Single Pass

Applications:

- 1) Casting Industries/ Forging Industries
- 2) Fabrication Industries/Welding Shops
- 3) Laser Cutting & Plasma Industries
- 4) Collection of aerosol particles from wood combustion
- 5) Ayurvedic Pharmaceutical
- 6) Casting Industries/Forging Industries
- 7) Petroleum Industry/Diesel Generator
- 8) For Hotel & Restaurant Smoking Zone

INDUSTRIAL VACUUM CLEANER



(Portable High Pressure Vacuum Cleaner)

Centrifugal blower for generating high vacuum pressure suction

2 stage of filter: 1st Extra collection filter & 2nd Bag filter

(unit use on dry dust only) 24 Hr Running unit

Centrifugal blower generates necessary high vacuum suction in the 1st stage of filter. Heavy dust particles laden in air are sucked, trapped & collect in extra collection filter.

After that in 2nd stage of filter, fine dust particles laden in air are trapped.

Specification

Model CFS	Normal Air Flow Weight Pressure Gauge	Std. Motor Power In HP
CFS/VC/100	700	0.5 HP
CFS/VC/100	1400	1.0 HP

CAPACITY 0.5 HP TO 7.5 HP

DUST COLLECTOR / FUME EXTRACTOR CARTRIDGE TYPE



**NORMAL/PORTABLE
RANGE OF MODEL**
CAPACITY FROM 300 CFM TO 1200 CFM
SUCTION PRESSURE: FROM 80 MM WG TO 400MM WG



**Heavy Duty/Stationery
RANGE OF MODEL**
CAPACITY FROM 1200 CFM TO 15000 CFM
SUCTION PRESSURE FROM 80 MM WG TO 400MM WG



A dust collector is a system used to enhance the quality of air released from industrial and commercial processes by collecting dust and other impurities from air or gas. It is designed to handle high-volume dust loads. A dust collector system consists of a blower, dust filter-cleaning system and dust removal system. It is distinguished from air cleaners, which use disposable filters to remove dust.

Applications:

- 1) Rotary Grinding, Buffing & Surface Grinding Machines
- 2) Wood/ Acrylic Cutter Dust
- 3) Powder Coating Dust
- 4) Pharmaceutical Dust
- 5) Flour Mill Industries
- 6) Glass Wool



CENTRIFUGAL MIST FILTER / MIST COLLECTOR

Model CFS	Normal Air Flow CFM	Std. Motor Power In HP
CFS / MF / 40 & 60	400 & 600	1.0 HP
CFS / MF / 80	800	1.5 HP
CFS / MF / 100	1000	2.0 HP
CFS / MF / 120	1200	3.0 HP



Metal working industries use mist collectors on their machine tools to provide clean air to reduce the adverse effects of exposure to metal working fluids, comply with indoor airquality standards, reduce maintenance cost, reduce housekeeping cost and improve part quality and productivity.

Applications:

- 1) Abrasive Blasting & Shot Blasting
- 2) All VMC/CNC Mist Collection
- 3) All types of Coolant Grinding, AWH Grinde
- 4) Metal working - Metal grinding & Metal polishing work
- 5) Custom OEM applications
- 6) Food Processing
- 7) Glass Cutting Mist

INDUSTRIAL BLOWER



300 CFM
TO
6000 CFM



300 CFM
TO
2000 CFM



800 CFM
TO
1800 CFM

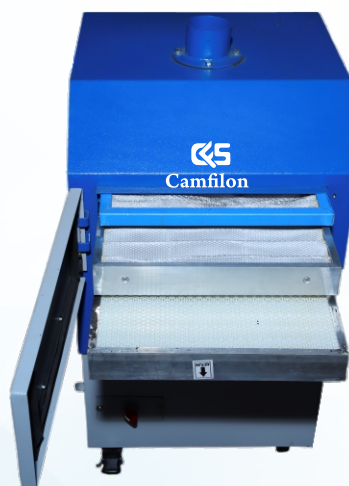
Application

- 1) Fiber Laser Cutting Machines
- 2) Laser Welding Machine
- 3) CO2 laser Engraver Machines
- 4) CNC Router Machines
- 5) Grinding & Bufing Machines

HEPA FILTER FUME EXTRACTOR



Capacity - 300 CFM TO 800 CFM



Capacity - 300 CFM TO 800 CFM



Capacity - 300 CFM TO 800 CFM

Application

- 1) Marking Machines
- 2) Gold Laser Marking Machines
- 3) ARC & CO2 (Tig & Mig) Welding Machines



Capacity 300 CFM TO 600 CFM

Application

1) Laser Marking Machine For Gold

CARTRIDGE CLEANING SYSTEM



**PREVENT
Respiratory
Problems**



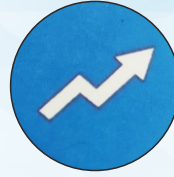
**REDUCE
Accident**



**RECLAIM
Valuable
Products**



**INCREASE
Productivity &
Equipment Life**



**LESS
Electric
Maintenance**



**REDUCE
Housekeeping**



HOOD AND CONSIDERATIONS

THE EFFECTIVENESS OF ANY OIL MIST/SMOKE/DUST COLLECTION SYSTEM IS DEPEND UPON CAPTURING THE CONTAMINANTS AT THEIR SOURCE AND CONVEYING THEM TO THE UNIT.

The best approach is to capture the mist /smoke/ dust right at source of generation. This source capture is the ideal way to keep the contaminants from escaping throughout the work area. This benefits greater effectiveness and CFM.

To be optimum result, the hood and design should not be oversimplified

In case of open machines, tailor made exhaust hood can be positioned on the machine close to the work place/tools/cutter than the effectively exhaust oil mist/smoke/grind mist / dust.

Where adequate hood or is provided on the machine, the mist can be exhausted through short duct or flexible hose to the unit.

The rating of unit does not depend on the amount of mist/ smoke / dust to be collected. It is depend on Just a high suction pick up hood for the volume of air necessary to capture all of the mist/smoke / dust at the source of generation.

The duct connecting to hood unit should be as short as possible & of adequate cross section area inclined towards the machine.

ALL UNIT DELIVERS CLEAN AIR, SEPARATE EXHAUST IS NOT REQUIRED

SPECIALITY

CUSTOMER REQUIRED MAINTENANCE & SPARE PROVIDED BY

WARRANTY

All type units are warranted against any manufacturing defects in the part of workmanship of one full calender year from the date of delivery. Camfilon Filtration System shall repair or replace any defective parts free of cost during the warranty period.

**GREEN
REVOLUTION
THE BEST SOLUTION
TO ARREST POLLUTION**



**USE AIR
POLLUTION
CONTROL
EQUIPMENTS**

CAMFILON FILTRATION SYSTEMS LLP

INDUSTRIAL AIR POLLUTION CONTROL EQUIPMENTS

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COMPANY ADDRESS- Sr no 80, Magazine Industrial area, Magazine chowk,
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